

Message Text

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E.O. 11652: N/A

TAGS: TGEN, US, UR

SUBJECT: US-USSR S&T AGREEMENT: MICROBIOLOGY: ENGINEERING
RESEARCH (01.0702)

1. SEE SEPTEL TRANSMITTING COONEY LETTER TO YENIKEYEV.
PLEASE TRANSMIT THE FOLLOWING WHITELEY LETTER AND
ENCLOSURE TO SHENDERREY WITH COPIES TO YENIKEYEV AND
INASHVILI.

2. 01.0702 - JULY 17, 1978

DR. YE. R. SHENDERREY
CHAIRMAN, USSR SIDE OF THE JOINT WORKING
GROUP ON THE PRODUCTION OF SUBSTANCES BY
MICROBIOLOGICAL MEANS
MAIN BOARD OF THE MINISTRY OF MICROBIOLOGICAL INDUSTRY
USSR COUNCIL OF MINISTERS
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USSR

- - -

DEAR DR. SHENDERREY:

THE US SIDE OF THE JOINT WORKING GROUP ON THE PRODUCTION
OF SUBSTANCES BY MICROBIOLOGICAL MEANS WOULD LIKE TO

PROPOSE A LONG-TERM VISIT TO THE USSR BY DR. JAMES R. SWARTZ, RESEARCH ASSOCIATE, DEPARTMENT OF NUTRITION AND FOOD SCIENCE, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, BEGINNING AUGUST 18, 1978 FOR A PERIOD OF 3 MONTHS, ENDING NOVEMBER 17, 1978. THIS PERSONNEL EXCHANGE WOULD BE PART OF THE ACTIVITIES OF PROJECT 2, MICROBIAL PROCESS ENGINEERING RESEARCH.

DR. SWARTZ WAS SELECTED FOR THIS EXCHANGE BY DR. CHARLES COONEY, CO-COORDINATOR OF PROJECT 2, AND HE MEETS WITH MY APPROVAL AND WITH THAT OF DR. ARTHUR HUMPHREY. DR. COONEY HAS DISCUSSED THIS EXCHANGE WITH DR. YENIKEYEV, DR. EROSHIN, AND DR. MINKEVITCH DURING A RECENT TRIP TO THE USSR, AND HAS, I AM TOLD, GAINED THEIR APPROVAL. PERTINENT BIOGRAPHICAL DATA ON DR. SWARTZ IS ENCLOSED. THE PURPOSE OF DR. SWARTZ'S VISIT IS TO COLLABORATE WITH DR. S. YENIKEYEV AT THE S. M. KIROV INSTITUTE OF CHEMICAL TECHNOLOGY IN KAZAN ON THE STABILITY CRITERIA FOR A HIGH PRODUCTIVITY, CONTINUOUS METHANOL FERMENTATION FOR A PERIOD OF 5 WEEKS, AND WITH DR. V. EROSHIN AND DR. L. MINKEVITCH AT THE INSTITUTE OF PHYSIOLOGY AND BIOCHEMISTRY OF MICROORGANISMS, PUSHCHINO-ON-OKA ON DETERMINING THE EFFECT OF PRODUCT FORMATION AND REUTILIZATION UPON THE INDIRECT ON-LINE ANALYSIS OF A CONTINUOUS METHANOL FERMENTATION BY MATERIAL AND ENERGY BALANCING FOR A PERIOD OF 6 WEEKS. DR. SWARTZ HAS INDICATED HIS DESIRED

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PROGRAM IN THE USSR IN THE ENCLOSED DATA.

WE WOULD APPRECIATE YOUR CONFIRMATION OF THE ACCEPTANCE OF DR. SWARTZ FOR THIS PROPOSED EXCHANGE BY THE END OF JULY, SINCE DR. SWARTZ IS COMPLETING HIS DOCTORAL WORK AT MIT AND MUST MAKE OTHER CAREER PLANS IF HE IS NOT ACCEPTED FOR THIS EXCHANGE.

BEST REGARDS,

SINCERELY YOURS,

HELEN R. WHITELEY
CHAIRMAN, US SIDE OF THE JOINT WORKING GROUP
ON THE PRODUCTION OF SUBSTANCES BY
MICROBIOLOGICAL MEANS

CC:
DR. YENIKEYEV
MR. INASHVILI.

ENCLOSURE

US-USSR JOINT WORKING GROUP IN MICROBIOLOGY
BIOGRAPHICAL DATA FOR EXCHANGE OF VISITING SCIENTISTS

NAME: JAMES ROBERT SWARTZ

DATE AND PLACE OF BIRTH: [Sensitive Information Removed Per NARA 12 DEC 2014]; SIOUX FALLS,
SOUTH DAKOTA, USA CITIZEN

EDUCATION AND SCIENTIFIC DEGREES: B.S., CHEMICAL
ENGINEERING, 1971, SOUTH DAKOTA SCHOOL OF MINES AND
TECHNOLOGY; S. M. CHEMICAL ENGINEERING, 1975,
MASSACHUSETTS INSTITUTE OF TECHNOLOGY; SC.D. BIOCHEMICAL
ENGINEERING, 1978, MASSACHUSETTS INSTITUTE OF TECHNOLOGY.
SCIENTIFIC SPECIALIZATION: BIOCHEMICAL ENGINEERING;
COMPUTER APPLICATIONS IN FERMENTATION MONITORING AND
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CONTROL; SCP PRODUCTION FROM METHANOL.
KNOWLEDGE OF FOREIGN LANGUAGES: COMPLETED INTENSIVE
COURSE IN BASIC RUSSIAN.

PROPOSED FIELD OF RESEARCH WORK AND COOPERATION: SCP
PRODUCTION FROM METHANOL

PROPOSED PROGRAM OF VISITS:

TO WORK WITH DR. SHAMIL YENEKEYEV AT THE S. M. KIROV
INSTITUTE OF CHEMICAL TECHNOLOGY, KAZAN, TO STUDY THE
STABILITY CRITERIA FOR HIGH PRODUCTIVITY, CONTINUOUS
METHANOL FERMENTATION (5 WEEKS);

TO WORK WITH PROFESSOR V. EROSHIN AND DR. L. MINKEVITCH
AT THE INSTITUTE OF PHYSIOLOGY AND BIOCHEMISTRY OF
MICROORGANISMS, PUSHCHINO-ON-OKA TO DETERMINE THE EFFECT
OF PRODUCT FORMATION AND REUTILIZATION UPON THE INDIRECT
ON-LINE ANALYSIS OF A CONTINUOUS METHANOL FERMENTATION
BY MATERIAL AND ENERGY BALANCING (6 WEEKS);

VISIT DR. DIMITREKO AT THE ALL UNION INSTITUTE FOR
HYDROLYSIS, LENINGRAD (2 DAYS);

VISIT DR. MALASHENKO AT THE INSTITUTE OF MICROBIOLOGY AND
VIROLOGY OF THE UKRANIAN ACADEMY OF SCIENCES, KIEV
(2 DAYS);

VISIT PROFESSOR M. BEKERS AND PROFESSOR U. VIESTUR AT
THE AUGUST KIRCHENSTEIN INSTITUTE OF MICROBIOLOGY,
RIGA (2 DAYS);

VISIT PRODUCTION PLANTS FOR SCP AT GORKY OR KIVISHI
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(1 DAY).

PROPOSED DATE OF ARRIVAL AND DURATION OF VISIT: ARRIVE
AUGUST 18, 1978; LEAVE NOVEMBER 17, 1978; DURATION 13
WEEKS. CHRISTOPHER

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Disposition Approved on Date:
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